

at least one reporter agent for examining created facts, for defining and identifying reportable facts, and for delivering a copy of the reportable facts to a receiving client.

80. (New) The system as set forth in Claim 79, wherein the at least one observer agent, and the at least one reporter agent each defines an independent, concurrent programming thread.

81. (New) The system as set forth in Claim 80, wherein the at least one reporter thread is triggered by the creation of each new primitive fact, whereby delivery of reportable facts to a client is triggered by occurrence of monitored events.

82. (New) The system as set forth in Claim 79, including at least one fact deriving agent for examining all existing facts, for creating new facts from one or more existing facts, and for linking each new fact to a parent fact of the new fact, forming fact nets of linked facts, and further including all fact nets being stored in the dynamic user model.

83. (New) The system as set forth in Claim 82, including a fact pruning agent defining a no-longer-valid fact and a descendant of a fact, the fact pruning agent eliminating each no-longer-valid fact and all its descendants from the fact nets.